

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-89 (Canceled)

90. (Original) An electro-mechanical system, the system comprising:
a base layer;

a structural plate supported above the base layer by a pivot, wherein a first portion of the structural plate contacts the base layer or a stop disposed on the base layer, and a second portion of the structural plate contacts the pivot, and wherein a structure is disposed between the first and the second portions;

a driving force, wherein the driving force has a frequency at or near the natural frequency, or a harmonic thereof, of the structure; and

wherein the driving force causes a vibration of the structural plate relative to the base layer, the vibration sufficient to overcome stiction related forces between the base layer and the structural plate.

91. (Original) The system of claim 90, wherein the structure is comprised of a material and the driving force has a frequency at or near the natural frequency of the material.

92. (New) The system of claim 90, wherein the driving force comprises a mechanical force.

93. (New) The system of claim 90, wherein the driving force comprise a sound.

94. (New) The system of claim 90, wherein the driving force comprises an AC voltage.

95. (New) The system of claim 90, further comprising, a contact for receiving the driving force.
96. (New) The system of claim 95, wherein the contact comprises a portion of the pivot.
97. (New) The system of claim 90, wherein the contact is an electrically conductive lead coupled to the pivot.
98. (New) The system of claim 90, wherein the structure is a serpentine structure.
99. (New) The system of claim 90, the system further comprising an actuator, wherein activation of the actuator causes the structural plate to deflect and contact the stop.
100. (New) The system of claim 99, wherein the actuator is integral to the stop.
101. (New) The system of claim 90, wherein the system comprises an optical routing apparatus comprising a moveable micro-mirror